

5        ABSTRACT

There is a disclosed or process for treating industrial waste water highly loaded with ammonium, by treating the waste water with nitrifying microorganisms (nitric bacteria) in the presence of a suspended carrier substance with a specific surface area of  $>20m^2/g$  and optionally a denitrification with dnitrifying microorganisms (denitrifying bacteria). According to a modification of the process, a finely-divided carbon-containing material with a surface-pH value of around 6 to 9 is used instead of the silicate carrier substance.

C:\WP\PAT\P986A.APP